

SCENARIO BASED SQL QUESTIONS

➤ FIND EMPLOYEES WHO JOINED IN THE LAST 6 MONTHS?

```
CREATE TABLE EMPLOYEES (  
  ID INT,  
  `NAME` VARCHAR (40),  
  DEPT VARCHAR (40),  
  HIRE_DATE VARCHAR (40)  
);
```

```
INSERT INTO EMPLOYEES VALUES (1,'A', 'SALES','2022-06-08'),  
(2,'B', 'ADMIN','2023-11-11'),  
(3, 'C','ANALYST','2024-07-22'),  
(4,'D','HR','2023-12-30'),  
(5, 'E','R&D','2022-09-20'),  
(6,'F','SALES','2024-09-10');
```

```
SELECT * FROM EMPLOYEES;
```

```
DESCRIBE EMPLOYEES;
```

```
ALTER TABLE EMPLOYEES  
MODIFY COLUMN HIRE_DATE DATE;
```

```
/*-----DATE_SUB (date, INTERVAL value unit) -----*/
```

```
SELECT DATE_SUB (CURRENT_DATE, INTERVAL 6 MONTH);
```

```
SELECT * FROM EMPLOYEES WHERE HIRE_DATE >= DATE_SUB  
(CURRENT_DATE, INTERVAL 6 MONTH);
```